

NEW YORK CERTIFIED SEED GROWERS' COOPERATIVE, INC.  
(CERTIFYING AGENCY)

cooperating with  
NEW YORK STATE COLLEGE OF AGRICULTURE  
NEW YORK STATE DEPARTMENT OF AGRICULTURE & MARKETS  
NEW YORK STATE EXPERIMENT STATION (GENEVA)

1951

Interstate Certification Standards and Procedures

I. Varieties Eligible

Only those varieties approved for certification by a member agency of the International Crop Improvement Association shall be eligible for interstate certification.

II. Application of Standards

The seed certification standards of the New York Certified Seed Growers' Cooperative, Inc. shall apply to seed certified under interstate procedures. Standards applicable to the class of certification service rendered shall prevail. If there are no standards for the crop handled under interstate certification, the standards of the state in which the seed was field inspected shall be applied. In either case, such standards shall be equal to or better than the International Crop Improvement Association Standards.

III. Evidence of Seed Eligibility

In order for seed to be eligible for final certification by the New York Certified Seed Growers' Cooperative, Inc., it must be received in containers carrying documentary evidence of its eligibility supplied by another certifying agency including:

1. Variety and kind of seed
2. Amount of seed (pounds or bushels)
3. Class of seed (Foundation, Registered,  
Certified)
4. Inspection or lot number

IV. Prior Approval of Cooperating Agencies

The New York Certified Seed Growers' Cooperative, Inc. need not obtain prior approval of another agency, which is a member of the I. C. I. A., to engage in interstate certification activities unless the original certifying agency prohibits or limits interstate certification by a statement on its certification tag. Complete information on seed certified is to be returned by the New York Certified Seed Growers' Cooperative, Inc. to the certifying agency last having jurisdiction of the seed. Such information shall include: the amount of seed received,

amount of seed finally certified, nature of the service rendered (recleaning, rebagging, retagging, etc.).

#### V. Blending

Lots of the same class of seed originating from one state may be blended. Seed from two or more states shall not be blended without prior approval of each state concerned.

#### VI. Approval of the Processor

Processors desiring interstate certification services shall apply annually (by January 1), to the New York Certified Seed Growers' Cooperative, Inc., Ithaca, New York.

Requirements to be met by the cooperating processors shall include the following:

1. Facilities, determined by inspection, shall be available to properly perform the functions requested.
2. Identity of the seed must be maintained at all times.
3. Use of certification service shall be a regular function of the processor.
4. Records of all operations shall be complete and adequate to account for all incoming and finally certified seed. These shall include:
  - (1). Receiving records, including the following information:
    - (a). Variety and kind
    - (b). Name and address of the shipper
    - (c). Shipper's lot number or inspection number
    - (d). Date of shipment
    - (e). Date received
    - (f). Weight received
    - (g). Receiving lot number as assigned to the lot of seed by the consignee
    - (h). Name and address of common carrier
  - (2). Record of cleaning, blending, rebagging, retagging, or other processing - including:
    - (a). Variety and kind
    - (b). Lot numbers of component lots used in making the final or blended

- lot and final lot number
  - (c) Number of bags and weight of each component
  - (d) Number of bags and weight of recleaned seed or blended seed, including size and variety of packages
  - (e) Weight of refuse or screenings and its disposition.
  - (f) Date processed or rebagged
  - (g) Serial numbers of certification tags attached to each lot of seed.
- (3).Disposition or stock book record, which shall include:
- (a) Variety and kind
  - (b) Number of bags and weight of the final lot
  - (c) Invoice or order number and weight covering each shipment
  - (d) Balance remaining after each shipment
  - (e) Amount used in other lots and the identity of the other lots into which it was blended
- (4).Invoice or other sales records which shall include:
- (a) Variety and kind
  - (b) Name and address of the buyer or consignee
  - (c) Date sold or shipped
  - (d) Number of bags and weight of seed sold or shipped
  - (e) Lot number

5. Processors shall permit inspection by the Certifying Agency of all records of the kind of seed certified, including both Certified and non-certified seed.

Processors shall designate an individual who shall be responsible for performing such duties as may be required.

VII. Reports to and by the New York Certified Seed Growers' Cooperative, Inc.

1. Upon completion of the processing and bagging, the dealer shall complete and transmit to the Certifying Agency, Certification Form C-1, "Dealer Interstate Processing and Bagging Report".
2. For lots of Certified seed tagged, the processor shall complete Form C-2, "Processor Interstate Tagging Report" and transmit same to the New York Certified Seed Growers' Cooperative, Inc.

VIII. Inspection of Processing Operations

The Certifying Agency shall make as many inspections of both the seed and records as may be required to satisfy itself that only the seed meeting requirements is labeled with certification tags.

## IX. Samples

Samples as specified in the General Seed Certification Standards shall be obtained for the Certifying Agency. Samples of all lots of seed whether processed or rebagged handled under the Interstate Certification, shall be retained for the New York Certified Seed Growers' Cooperative, Inc.

Seed of lots handled under Interstate Certification shall be obtained in commerce and compared in the Laboratory, and as growing plants with the sample submitted for final certification.

Where certification service includes cleaning, bulking and blending, a representative sample of such seed is to be submitted to the Seed Laboratory of the New York State Agricultural Experiment Station at Geneva for testing as to compliance with the Interstate Certification Standards.

## X. Tags and Tagging

Serially numbered interstate certification tags shall be sent to approved processors on request. Such tags are to be inventoried by the processor and used in accordance with the Interstate Certification Standards and Procedures and instructions of the New York Certified Seed Growers' Cooperative, Inc.

Minimum information to be imprinted on interstate certification tags is as follows:

Crop and Variety  
Class of seed, i.e., (Certified)  
Certifying Agency making field or/and seed inspections  
Lot Number

Labeling information may be imprinted on the interstate certification tags in which case identification of the processor or vendor must also appear.

Interstate certification tags may be used by approved processors on any Certified seed except where specifically prohibited.

## XI. Substandard Seed

It is recognized that certain lots of seed that may be desirable for the advancement of crop improvement would be lost if regular certification standards are adhered to. Therefore, under such circumstances, seed failing to meet certification standards other than those affecting genetic purity may be Certified. The certification tag attached to such seed shall clearly show the respects in which the seed does not meet the regular certification standards.

The substandard provision shall be applied for seed not meeting the New York Interstate Certification Standards only by common

consent of the - (1) Interstate Certification Committee of the New York Certified Seed Growers' Cooperative, Inc. (2) The Directors of the New York Certified Seed Growers' Cooperative, Inc. (3) New York State College of Agriculture Seed Committee. Notice of such action with the details specified shall be filed with the Dean of the College of Agriculture and the Commissioner of the New York State Department of Agriculture.

NEW YORK CERTIFIED SEED GROWERS' COOPERATIVE, INC.

Plant Science Building, Cornell University, Ithaca, New York

Dealer Interstate Processing and Bagging Report  
(Fill in blanks which apply)

DATE: \_\_\_\_\_

DEALER: \_\_\_\_\_

CONTENTS SHIPMENT: Field Inspected or Certified: \_\_\_\_\_,  
(variety)  
\_\_\_\_\_  
(crop)

Field Inspected or Certified by: \_\_\_\_\_

Carrier's Name and Address: \_\_\_\_\_

Transfer Certificate or Certification Lot No.: \_\_\_\_\_

Seal Nos. (on car): \_\_\_\_\_

SHIPPER: Name \_\_\_\_\_ Address \_\_\_\_\_

Inbound Weight: \_\_\_\_\_ No. Bags: \_\_\_\_\_

Cleaned Weight (outturn) Lbs.: \_\_\_\_\_ No. Bu.: \_\_\_\_\_ No. Bags: \_\_\_\_\_

Dealer Lot No.: \_\_\_\_\_

Cleaned Seed Sampled by: \_\_\_\_\_

If certification service includes cleaning or blending, the sample shall be forwarded to the Seed Laboratory, New York State Agricultural Experiment Station, Geneva, New York, under dealer lot number, and marked

"For Certification"

DEALER'S DECLARATION

I hereby certify that the information contained in this Interstate Cleaning and Bagging Report is complete and accurate to the best of my knowledge.

DEALER: \_\_\_\_\_

BY: \_\_\_\_\_

NEW YORK CERTIFIED SEED GROWERS' COOPERATIVE, INC.

Plant Science Building, Cornell University, Ithaca, New York

Processor Interstate Tagging Report

DATE: \_\_\_\_\_

DEALER: \_\_\_\_\_

VARIETY: \_\_\_\_\_ CROP: \_\_\_\_\_

DEALER LOT NUMBER: \_\_\_\_\_

NO. of Bu. : \_\_\_\_\_ No. of Bags: \_\_\_\_\_ Packed: \_\_\_\_\_ Bu. : \_\_\_\_\_ per bag.  
Lbs. : \_\_\_\_\_ Lbs. : \_\_\_\_\_

NOTE: (If several varieties and sizes of bags were packaged, a bagging and tagging report shall be completed on the back of this form.)

New York Certified Seed Growers' Cooperative, Inc. serially numbered tags: \_\_\_\_\_ to \_\_\_\_\_ inclusive. Attached to bags of seed.

Information imprinted on the back of the certification tags by processor:

(NOTE: actual imprint of stenciling machine)

\_\_\_\_\_

I hereby certify that the information contained in this report is a true and correct statement; that authentic records subject to audit certifying these facts are on file.

DEALER: \_\_\_\_\_

BY: \_\_\_\_\_

## SEED STANDARDS FOR INTERSTATE CERTIFICATION

In the interstate certification of seeds, standards which shall be equal to or better than the International Crop Improvement Associations standards for the crop in question and outlined herewith shall apply. Such standards shall apply to seed under interstate certification which is cleaned, bulked, blended, or rebagged.

If seed is handled under interstate certification for which no standards have been adopted by the New York Certified Seed Growers' Cooperative, Inc., then the seed standards in the originating state shall be applied.

### ALFALFA

#### Certified Seed Standards

Factor	Standards
Pure seed (minimum) .....	98.0%
Other crops (maximum) .....	0.5%
Sweet clover (maximum) .....	180 per lb.
Inert matter (maximum) .....	2.0%
Weed seed (maximum) .....	0.5%
*Total objectionable weeds (maximum) .....	9 per lb.
Total; germination and hard seeds (minimum)	85.0%

\* Objectionable weeds in alfalfa are: bindweed (Convolvulus arvensis), Canada thistle (Cirsium arvense), dodder (Cuscuta spp.), dogbane (Apocynum cannabinum), Johnson grass (Sorghum halepense), leafy spurge (Euphorbia esula), perennial sow thistle (Sonchus arvensis), quack grass (Agropyron repens), Russian knapweed (Centaurea picris), and white top (Lepidium draba, L. repens, Hymenophyssa pubescens).



BIRDSFOOT TREFOILCertified Seed Standards

Factor	Standards
Pure seed (minimum) .....	98.00%
Weed seeds .....	0.50%
*Objectionable weeds .....	18 per lb.
Inert .....	1.00%
Other crops .....	2.00%
Germination (minimum) .....	45.00%
Total; germination (inc. hard seed) .....	85.00%

\*Objectionable weeds: quack grass (Agropyron repens), wild mustard (Brassica arvensis), and (other wild Brassica species), Canada thistle (Cirsium arvense), crab grass (Digitaria spp.), and docks (Rumex spp.)

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BROMEGRASSCertified Seed Standards

Factor	Standards
Pure seed (minimum) .....	85.0%
Other crops (maximum) .....	1.0%
Inert matter (maximum) .....	15.0%
Weed seeds (maximum) .....	0.5%
*Total objectionable weeds .....	9 per lb.
Germination (minimum) .....	80%

\*Objectionable weeds: quack grass (Agropyron repens), wild mustard (Brassica arvensis), and (other wild Brassica species), Canada thistle (Cirsium arvense), crab grass (Digitaria spp.), and docks (Rumex spp.).

FIELD CORNCertified Seed Standards

Factor	Standards
Pure seed (minimum) .....	99.25%
Weed seeds .....	none
Inert matter (maximum) .....	0.50%
Seeds of other cultivated plants (maximum)....	0.05%
Other varieties (maximum) .....	0.25%
Moisture (maximum) .....	14.00%
Germination (minimum) .....	90.00%
Weight per bushel (minimum) .....	54 lbs.

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LADINO CLOVERCertified Seed Standards

Factor	Standards
Pure seed (minimum) .....	98%
Other crops (maximum) .....	2%
Sweet clover (maximum) .....	180 per lb.
Inert matter (maximum) .....	2%
Weed seeds (maximum) .....	0.5%
*Total objectionable weed seeds .....	360 per lb.
Total; germination and hard seeds (minimum)..	85%

\*Objectionable weeds are: plantain (Plantago spp.), and docks (Rumex spp.) including sorrel (Rumex acetosella). Not more than one-half of the permissible amount can be of any one kind.

Ladino Clover seed shall be free of seed of the following weeds:

Bindweed (Convolvulus arvensis), Canada thistle (Cirsium arvense), dodder (Cuscuta spp.), dogbane (Apocynum cannabinum), horse nettle (Solanum carolinense), leafy spurge (Euphorbia esula), pennycress (Thlaspi arvense), quack grass (Agropyron repens), perennial sow thistle (Sonchus arvensis), Russian knapweed (Centaurea picris), white top (Lepidium draba, Hymenophyssa pubescens), wild carrot (Daucus carota), bladder campion (Silene cucubalus).

RED CLOVERCertified Seed Standards


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Factor	Standards
Pure seed (minimum) .....	98.0%
Other crops (maximum) .....	0.50%
Sweet clover .....	180 per lb.
Inert matter (maximum) .....	2.0%
Weed seed (maximum) .....	0.50%
*Total objectionable weeds .....	90 per lb.
Total; germination and hard seeds .....	85.0%

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\*Bracted plantain (Plantago aristata), buckhorn plantain (Plantago lanceolata); docks, curly (Rumex crispus), bitter (R. obtusifolius), green (R. conglomeratus), smooth (R. altissimus), sour (R. acetosa), sorrel (Rumex acetosella); wild carrot (Daucus carota); and such other weeds as may be designated by the certifying agency.

The red clover seed shall be free of seeds of the following weeds: bindweed (Convolvulus arvensis); Canada thistle (Cirsium arvense), dodder (Cuscuta spp.), dogbane (Apocynum cannabinum), horse nettle (Solanum carolinense), leafy spurge (Euphorbia esula), pennycress (Thlaspi arvense), perennial sow thistle (Sonchus arvensis), quack grass (Agropyron repens), Russian knapweed (Centaurea picris), and white top (Lepidium draba, Hymenophyssa pubescens).

# SMALL GRAINS

## Certified Seed Standards

FACTOR	STANDARDS FOR:			
	OATS	BARLEY	WHEAT	RYE
Pure seed (minimum) .....	99.50%	98.00%	99.00% (*4)	99.00%
Weed seeds (maximum) (*1) .....	0.03%	0.03%	0.02%	0.03%
Objectionable weeds (*2) .....	5 per lb.	5 per lb.	none	none
Inert matter: 1. Chaff, straw and material not seeds .....	0.15%	0.15%	0.15%	0.15%
2. Sprouted kernels and broken kernels, $\frac{1}{2}$ size or less .....	0.20%	2.00%	1.00%	1.00%
3. Total of 1 and 2 .....	0.30%	2.00%	1.00%	1.00%
Seeds of other cultivated plants .....	5 per lb.	5 per lb.	5 per lb. (*3)	5 per lb. (*3)
Other varieties .....	10 per lb.	10 per lb.	10 per lb. (*4)	10 per lb.
Germination (minimum) (*5) .....	90.00%	90.00%	90.00%	90.00%
Weight per bushel (minimum) (*5) (*6) .....	32 lbs.	46 lbs. (*6)	58 lbs.	56 lbs.

\* See page 13 for explanation

- (\*1). The allowance of all weed seeds in certified seed shall not exceed fifteen (15) seeds per pound of grain.
- (\*2). Weeds considered as objectionable are:  
quack grass (Agropyron repens), wild mustard (Brassica arvensis and other wild Brassica species), Canada thistle (Cirsium arvense), crab grass (Digitaria spp.), docks (Rumex spp.), dodder (Cuscuta spp.), bindweed (Convolvulus arvensis), and horse nettle (Solanum carolinense).
- (\*3). The tolerance with respect to mixture of seeds of other cultivated plants shall not apply in the case of vetch seeds in wheat.
- (\*4). Variations which are typical of the variety shall not be included as other varieties.
- (\*5). Seed weighing not less than two pounds under the minimum weights specified in the above table may be certified, provided the germination is 95 percent or higher.
- (\*6). The minimum weight per bushel for smooth awned barleys shall be 44 pounds for certified seed.

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## TIMOTHY

### Certified Seed Standards

Factor	Standards
Pure seed .....	98.50%
Weed seeds .....	0.10%
*Objectionable weeds .....	none
Inert .....	0.50%
Other crops .....	1.00%
Germination (minimum) .....	90.00%

\*Objectionable weeds: quack grass (Agropyron repens), wild mustard (Brassica arvensis) and (other wild Brassica species), Canada thistle (Cirsium arvense), crab grass (Digetanea spp.), and docks (Rumex spp.).